

COMP 790 Security and Multiagent Systems Spring 2004 Assignment 2

1. Produce an interesting (but short and without frills) XML document that illustrates the various XLink behaviors supported by Mozilla. Illustrate different relative URLs, linking to both local and remote resources. Finally, illustrate the use of the `xml:base` attribute, with both absolute and relative URLs as values, and with at least one case where a declared base is within the scope of another. Besides the main document, you will need a stylesheet and at least one other (very minor) XML document to be the local ending resource for a link. All of these features are illustrated in the notes. I would like to see you work them together in a small, coherent document that reflects a good understanding of the features and their motivation. Note that some of the features requested above can be combined.
2. Produce an interesting (but short and without frills) linkbase with extended links. Illustrate as many features as you can in a coherent document that reflects a good understanding. Include a very short document that with a link to your linkbase, and include stylesheets for all documents. Mozilla and all other browsers I've looked at do not support extended links, so you won't be able to use your linkbase (unless you find an XLink processor supporting extended links, in which case please let me know about it). Still, you will be able to load all your XML documents and check that they are well formed and that the stylesheets do what you want.